PTO/SB/08A (10-01)
102. OMB 0651-0031
INT OF COMMERCE
Id OMB control number.

Not Yet Assigned

269/132

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Kn wn

Application Number
To Be Assigned
Filing Date
Herewith

First Named Inventor
Group Art Unit
Not Yet Assigned

**Examiner Name** 

Attorney Docket Number

(use as many sheets as necessary)

US-

Sheet

of

**U.S. PATENT DOCUMENTS** Name of Patentee or Applicant of Cited Document **Document Number** Publication Date MM-DD-YYYY Pages, Columns, Lines, Where Relevant Passages or Relevant Examiner Number - Kind Code<sup>2</sup> (if known) Figures Appear 8/19/1997 Reed et al. US-5,658,636 AA Loke US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-US-

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
Loke	AB	NIELS TAS, TONNY SONNENBERG, HENRI JANSEN, ROB LEGTENBERG, MIKO ELWENSPOEK, Stiction in Surface Micromachining, 1996, Pages 385-397, IOP Publishining Ltd., United Kingdom		
Loke	·AC	TAKESHI ABE, MICHAEL L. REED, Control of Liquid Bridging Induced Stiction of Micromechanical Structures, 1996, Pages 213-217, IOP Publishing Ltd., United Kingdom		
			ļ	

Examiner Signature	Loke	Date Considered	4/25/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE to persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

JUL 1 5 2002

(use as many sheets as necessary)

Sheet of 2

Complete if Known				
Application Number	10/072,656			
Filing Date	February 7, 2002			
First Named Inventor	Eric Prophet			
Group Art Unit	2811			
Examiner Name	Not Yet Assigned			
Attorney Docket Number	269/132			

		Document Number		Name of Patentee or Applicant of		
	Cite	e	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
loke		US-3,802,523	04/09/1974	Clark		
Loke		US-5,079,657	01/07/1992	Aronoff et al.		
oke		US-5,307,593	05/03/1994	Lucker et al.		
oke		US-5,482,564	01/09/1996	Douglas et al.		
loke		US-5,506,017	04/09/1996	Ranjan et al.		
oke		US-5,512,374	04/30/1996	Wallace et al.	7	
loke		US-5,542,295	08/06/1996	Howe et al.	C	
loke		US-5,599,590	02/04/1997	Hayashi et al.	TECHN	
loke		US-5,658,636	8/19/1997	Reed et al.	פר טו	
loke,		US-5,662,771	09/02/1997	Stouppe	000	
Loke		US-5,700,379	12/23/1997	Biebl	7. –	
loke		US-5,727,445	03/17/1998	Sheldon	CE	
oke.		US-5,912,791	06/15/1999	Sundaram et al.	2002 NTE	
loke		US-5,942,279	08/24/1999	Wudu	D2 ER	
Loke		US-6,036,786	03/14/2000	Becker et al.	∾ .	
Loke.		US-6,127,744	10/03/2000	Streeter et al.	80	
loke		US-6,127,765	10/03/2000	Fushinobu	.,0	
Loke		US-6,187,413	02/13/2001	Kuo et al.		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
Loke	-	ABE, Takeshi et al., Control of Liquid Bridging Induced Stiction of Micromechanical Structures, J.Micromech. Microeng. 6 (1996) 213-217	
		ALMANZA-WORKMAN, A.M., et al., Water Dispersible Silanes for Wettability Modification of Polysilicon for Stiction Reduction in Silicon Based Micro-Electromechanical Structures	-
		ASHURST, W.R. et al., Alkene Based Monolayer Films as Anti-Stiction Coatings for Polysilicon MEMS, Berkley Sensor and Actuator Center	-
Ú		ASHURST, W.R. et al., Dichlorodimethylsilane as an Anti-Stiction Coating for MEMS, National Science Foundation Report	
		HARSH, K.F., Dealing With MEMS Stiction and Other Sticking Problems (website printout)	
	,	KIM, B.H. et al., A New Organic Modifier for Anti-Stiction, Journal of Microelectromechanical Systems, Vol. 10, No. 1, March 2001, pp 33-49	
		KIM, Chang-Jin et al., Comparative Evaluation of Drying Techniques for Surface-Micromachining, submitted to Sensors & Actuators	
	·	MAROUDIAN, R. et al., Self-Assembled Monolayers as Anti-Stiction Coatings for MEMS: Characteristics and Recent Developments	
	,	MABOUDIAN, R., Critical Review: Adhesion in Surface Micromechanical Structures, J. Vac. Sci. Technol. B 15(1), Jan/Feb 1997, pp 1-20	
		MASTRANGELO, C.H., Suppression of Stiction in MEMS	

Examiner Signature	Loke	Date Considered	4/25/03	

YAO, Tze-Jung et al., BrF3 Dry Release Technology for Large Freestanding Parylone MEMS,

YANG, Lung-Jieh et al., Photo-Patternable Gelatin as Protection Layers in Surface

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

TECHNOLOGY CENTER 2800

OC-113539.1

Cite No.<sup>1</sup>

Micromachinings

Examiner Initials \*

<sup>1</sup> Unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.